AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method of retraining a trainable data classifier, the method comprising ~~the steps of~~:

providing a first item of training data;

comparing the first item of training data with a second item of training data already used to train the data classifier to provide ~~;calculating~~ a measure of conflict between the first and second items of training data; and,

using the first item of training data to retrain the data classifier responsive to the measure of conflict.

2. (Currently amended) A method according to claim 1, wherein ~~the step of~~ using the first item of training data is responsive to a predetermined conflict threshold value.

3. (Currently amended) A method according to claim 2, wherein the threshold value is non-zero.

4. (Currently amended) A method according to claim 1, wherein the measure of conflict comprises a geometric difference between the first and second items of training data.

5. (Currently amended) A method according to claim 4, wherein the geometric difference comprises a Euclidean distance.

6. (Currently amended) A method according to claim 1, wherein the measure of conflict comprises an association coefficient of the first and second items of training data.

7. (Currently amended) A method according to claim 6, wherein the association coefficient is a Jaccard's coefficient.

8. (Currently amended) A method according to claim 7, wherein the measure of conflict is derived from a both a Euclidean distance between and a Jaccard's coefficient of the first and second items of training data.

9. (Currently amended) A method according to claim 8, wherein the measure of conflict is derived from a Euclidean distance and a Jaccard's coefficient composed in an exponential relationship with respect to each other.

10. (Currently amended) A method according to claim 8, wherein the measure of conflict is derived from a function of a Euclidean distance multiplied by an exponent of a function of the Jaccard's coefficient.

11. (Currently amended) A method according to claim 1, wherein the data classifier comprises a neural network.

12. (Currently amended) A method according to claim 1, wherein the training data comprises telecommunications network data.

13. (Currently amended) A method according to claim 1, wherein the training data comprises telecommunications call detail record data.

14. (Currently amended) A method of training a trainable data classifier comprising ~~the steps of~~:

providing a plurality of items of training data;

comparing a first of the items of training data with a second of the items of training data already used to train the data classifier~~; calculating~~ to provide a measure of conflict between the first and second items of training data; and,

using one of the first and second items of training data to retrain the data classifier responsive to the measure of conflict.

15. (Currently amended) An apparatus for retraining a trainable data classifier, ~~and~~ comprising:

an input port for receiving a first item of training data;

a comparator arranged to compare the first item of training data with a second item of training data already used to train the data classifier~~; a calculator for calculating~~ and to calculate a measure of conflict between the first and second items of training data; and

an output port arranged to output the first item of training data to the data classifier responsive to the measure of conflict.

16. (Original) A anomaly detection system comprising apparatus according to claim 15.

17. (Original) A telecommunications data anomaly detection system comprising apparatus according to claim 15.

18. (Original) A telecommunications fraud detection system comprising apparatus according to claim 15.

19. (Original) An account fraud detection system comprising apparatus according to claim 15.

20. (Currently amended) An apparatus for retraining a trainable data classifier comprising:

an input port for receiving a plurality of items of training data;

a comparator arranged to compare a first of the items of training data with a second of the items of training data already used to train the data classifier~~; a calculator for calculating~~ and to calculate a measure of conflict between the first and second items of training data; and.

an output port arranged to output the first item of training data to the data classifier responsive to the measure of conflict.

21. (Currently amended) A program for a computer on a machine readable medium arranged to ~~perform the steps of~~:

receive~~receiving~~ a first item of training data;

compare~~comparing~~ the first item of training data with a second item of training data already used to train the data classifier~~;calculating~~ to provide a measure of conflict between the first and second items of training data; and,

use~~using~~ the first item of training data to retrain the data classifier responsive to the measure of conflict.

22. (Currently amended) A program for a computer on a machine readable medium arranged to ~~perform the steps of~~:

receive~~receiving~~a plurality of items of training data;

compare~~comparing~~a first of the items of training data with a second of the items of training data~~;calculating~~ to provide a measure of conflict between the first and second items of training data; and,

use~~using~~ one of the first and second items of training data to retrain the data classifier responsive to the measure of conflict.

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